

### Manuals

200349 Poly(A) Quik® mRNA Isolation Kit  
200348 Poly(A) Quik® mRNA Isolation Kit

### References

1. Dyaico, M., and Cramer, K. (1989) *Strategies*. 2: 42.

### Licensing Information

\* U.S. Patent Nos. 5,336,412 and 5,328,360

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## Poly(A) Quik® mRNA Isolation Kit

- 15-minute isolation of mRNA from total RNA
- Yields of mRNA are 1-5% of total RNA
- Produces highly purified poly(A)+ mRNA
- Increases the sensitivity of both S1 analysis and Northern hybridization
- Eliminates background due to non-specific hybridization of probe molecules to ribosomal RNA bands

## Applications

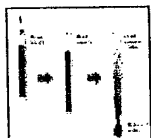
- Constructing representative cDNA libraries
- Detection of low-abundance messages
- S1 analysis and Northern hybridization

The Poly(A) Quik® mRNA purification kit provides a convenient, effective system for isolating poly(A)+ RNA. The kit allows poly(A)+ RNA to be isolated from total RNA in less than 15 minutes, and yields are typically greater than 2% of total RNA.

## Protocol

Poly(A) Quik columns increase the speed of poly(A)+ RNA purification on an oligo(dT) cellulose column by using applied pressure to a 10-cc Luer-Lock® syringe to force total RNA through the column. This method eliminates the slow flow rates and clogged columns associated with gravity-driven chromatography. Each Poly(A) Quik column is designed to accommodate up to 500 µg of total RNA in volumes ranging from 200 to 1000 µl.

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## Simple Poly(A) Quik® mRNA Isolation Method

Pressure is applied to a 10 cc Luer-lock syringe to force total RNA through columns packed with oligo(dT) cellulose.

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## Amount

## Poly A Quik® mRNA Isolation Kit

Poly(A)+ RNA purification for cDNA library construction, S1 analysis and Northern hybridization.

Contains: Poly(A) Quik push columns, High and low salt buffers, Elution buffer, 10x sample buffer

2 Columns

200348

-

168.00

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## Poly A Quik® mRNA Isolation Kit

Poly(A)+ RNA purification for cDNA library construction, S1 analysis and Northern hybridization.

Contains: Poly(A) Quik push columns, High and low salt buffers, Elution buffer, 10x sample buffer

4 Columns

200349

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293.00

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